



**Marine Corps Warfighting Laboratory  
Strategic Plan  
2007-2010**



## LETTER FROM THE GENERAL

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**Brigadier General Randolph D. Alles**  
*Commanding General*

MARINE CORPS WARFIGHTING LABORATORY



The Marine Corps has a rich legacy of innovation including: amphibious warfare, close air support, maritime prepositioning, and tilt-rotor technology, but cannot rest on its laurels or current capabilities.

In a world of great uncertainty, rapid technological diffusion, and potentially volatile conflict, it is vital that the Marine Corps aggressively explore new operational concepts, innovative organizational designs, and advanced technologies to meet tomorrow's challenges.

The emerging security environment places a premium on a continuous transformation of capabilities in order to maintain our competitive advantage over potential adversaries. The future suggests that U.S. military preeminence could be short lived unless we stretch the competitive boundaries of existing capabilities or develop entirely new competencies that distinctly alter future military operations.

It is my intent that the Warfighting Lab lead the way in the evaluation of advanced technologies, concepts, and the development of techniques, tactic, and procedures.

Semper Fidelis,

Brigadier General Randolph D. Alles  
Commanding General



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## Mission

*Conduct concept-based experimentation to develop and evaluate tactics, techniques, procedures and technologies in order to enhance Marine Corps warfighting capabilities.*

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## Vision

*To be recognized as the innovative center of excellence for concept and TTP development and evaluation through Planning, Wargaming, Technology Development and Experimentation.*

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## Guiding Principles

*How well we perform, individually and collectively is a function of the values and beliefs that shape our behavior. In accomplishing our mission, we believe in, and operate under, the following guiding principles:*

*We embrace the Marine Corps values of Honor, Courage, and Commitment.*

*We foster an environment that promotes integrity, commitment, teamwork, and mission accomplishment.*

*We seek innovative concepts and solutions to Marine Corps operational needs and requirements.*

*We never forget that the ultimate users of all that we produce are the Marines operating in the field and in garrison; in peace and in war.*



## *Strategic Goals*



It is my intent that we become the **Innovative Center of Excellence** for the evaluation of advanced technologies, concepts, and the development of techniques, tactic, and procedures.

Brigadier General Randolph D. Alles ----  
Commanding General





## Strategic Goal 1

*Develop Marine Corps concepts and CONOPs and influence Joint, other Service, and Multi-national concept and CONOPs development in order to identify capabilities for future combat development.*

*We will accomplish this goal by implementing the following objectives and actions:*

- ★ *Develop Marine Corps future operational vision and transformation roadmap.*
- ★ *Develop input into Joint, other Service, and Multinational concepts and CONOPs for assessment, experimentation and capability development activities.*
- ★ *Develop USMC and Naval concepts and CONOPs for assessment, experimentation and capability development activities.*
- ★ *Lead USMC development of Defense Planning Scenarios and supporting actions.*
- ★ *Coordinate capability identification, experimentation, capability assessment, and TTP development for non-lethal weapons.*

## Strategic Goal 2

*Fulfill the experiment operations and experiment control responsibilities for All Advanced Warfighting Experiments (AWE) and the vast majority of Limited Objective Experiments (LOE).*



Solving Immediate Problems



The Next Service  
4-5 years



The Service After Next  
10-15 years

*We will accomplish this goal by implementing the following objectives and actions:*

- ★ *Detailed Experiment Planning: develop the detailed experimentation plan in order to accomplish the experimentation objectives within assigned resource restraints.*
- ★ *Experiment Execution: coordinate and conduct all experimentation*
- ★ *Experiment Assessments: develop operational assessment reports - as differentiated from an analytic report completed by staff CNA analysts.*





Gladiator TUGV



RST-V



MEFFV

### Strategic Goal 3

*Identify and evaluate promising technologies that support the warfighter's needs. The division conducts technology demonstrations and assessments, and conducts rigorous experimentation in relevant operating environments.*

*We will accomplish this goal by implementing the following objectives and actions:*

- ★ *Serve as the Integrator/Coordinator of Marine Corps Systems Command, Office of Naval Research, Capabilities Development Directorate and the Marine Corps Warfighting Lab in regard to Science & Technology issues.*
- ★ *Serve as the Marine Corps representative to the Department of Defense Joint Capabilities Technology Demonstration Program*
- ★ *Conduct technology demonstrations, assessments, and rigorous experimentation in relevant operating environments.*
- ★ *Support the Marine Corps Combat Development Command in the development and refinement of operational requirements documentation and the Marine Corps Systems Command in developmental test and evaluation and other developmental efforts.*



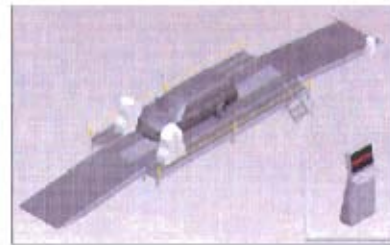
Survivability



Amphibious Vehicles



Light Tactical Vehicles



## Strategic Goal 4

*Find ways to counter the IED threat.*

- Technological enablers*
- Tactics, Techniques, Procedures*
- All other training as it relates to IEDs*

*We will accomplish this goal by implementing the following objectives and actions:*

- ★ *Maintain awareness of potential and emerging threats; develop solutions to counter them.*
- ★ *Seek and track industry, academia, and government technologies that will potentially counter IEDs.*
- ★ *Interface for USMC to MEDDO. Integrated in MEDDO initiatives and ensures expeditionary concerns are addressed.*
- ★ *Mandated to operate fast and efficient with lean manpower structure.*



## Strategic Goal 5

*Plan and execute the USMC wargaming program and act as the point of contact for Wargaming matters.*



*We will accomplish this goal by implementing the following objectives and actions:*

- ★ *Plan and execute Marine Corps Title X Wargaming program.*
- ★ *Manage USMC participation in and identify USMC objectives for other Service Title X Wargaming programs and those of other organizations.*
- ★ *Plan and execute the Joint Urban Warrior.*
- ★ *Provide the wargaming and assessment component of Service Experimentation programs.*
- ★ *Facilitate combat Development through wargaming support to assess alternatives, identify capabilities and deficiencies, and inform policy and DOTMLPF decisions.*



## SUCCESS

*The Lab's purpose is to improve current and future naval expeditionary warfare capabilities across the spectrum of conflict for current and future operating forces. This purpose is achieved by successfully fulfilling our mission of conducting concept-based experimentation to develop and evaluate tactics, techniques, procedures (TTP) and technologies.*

*Current Marine Corps concepts emphasize the "Long War" - - the Global War on Terrorism (GWOT). The Lab's concepts development, capability gap analysis, and subsequent experiment in GWOT related strategy and tactics have resulted in the development of TTPs and the initiation of multiple technology efforts to develop weapons and systems.*

*We cannot rest or maintain the status quo. Working steadfastly toward our Vision of becoming the Innovative Center of Excellence for the evaluation of advanced technologies, concepts, and the development of TTPs will ensure that the Marines we serve will face the Long War with the most pertinent concepts and the most operationally effective systems available to the Corps in order to assure that our Corps remain the World's Greatest Fighting Force.*



*MARINE CORPS WARFIGHTING LABORATORY*



*STRATEGIC PLAN: 2007 - 2010*